



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Moisture is Hit or Miss Across the State

Much of the State received rain during the past week with four of the nine districts averaging over an inch of precipitation. The minimal rainfall was welcomed by producers across the State, but more moisture is needed to help field crop conditions. There was some relief from triple digit temperatures as a cold front moved through during the early part of the week. As a result, maximum average temperatures ranged from the lower-to-upper nineties. Friday night brought strong thunderstorms to northern Oklahoma with damaging winds and power outages. However, hot and humid weather returned to the State over the weekend with Saturday's heat index reaching as high as 104. Topsoil moisture conditions were rated mostly in the adequate to short range with none rated surplus. Subsoil moisture conditions were also rated mostly in the adequate to short range with 21 percent rated very short, up two points from the previous week. There were 5.9 days suitable for field work.

Soil Moisture Conditions by Percent

Week Ending Sunday, August 22, 2010

Moisture Rating	Topsoil			Subsoil		
	This Week	Last Week	Last Year	This Week	Last Week	Last Year
Very Short	30	34	12	21	19	15
Short	38	50	31	45	46	30
Adequate	32	16	50	34	35	53
Surplus	0	0	7	0	0	2

Small Grains: **Wheat** seedbed preparation was 37 percent complete by week's end, seven points ahead of normal. Ninety-six percent of **rye** ground was plowed by Sunday, and 34 percent of rye seedbeds were prepared by week's end. **Oat** seedbed preparation reached 32 percent completion by Sunday.

Row Crops: Although there was some rainfall last week, more precipitation is needed to help field crops across the State. **Corn** dent reached 88 percent complete, 37 points above the previous year. Fifty-four percent of corn had matured by Sunday. **Sorghum** headed reached 85 percent complete, 18 points ahead of the five-year average. Sorghum coloring reached 46 percent complete, 17 points ahead of normal. Eight percent of sorghum reached the mature stage of development by Sunday, one point ahead of normal. **Soybeans** blooming were at 90 percent by week's end, eight points ahead of the five-year average. Sixty-two percent of soybeans were setting pods by week's end, up eight points from the week prior, and three points ahead of the five-year average. Eighty-two percent of **peanuts** were setting pods by Sunday, eight points behind normal. Ninety-six percent of the **cotton** crop was setting bolls by week's end, 12 points ahead of normal.

Miscellaneous Crops: The **watermelon** harvest was 89 percent complete by week's end, a seven point increase from the week prior.

Hay: **Hay** conditions continue to be rated mostly in the good to fair range. The third cutting of **alfalfa** was 96 percent complete and 56 percent of the fourth cutting was complete by week's end. The second cutting of **other hay** was 57 percent complete by Sunday, ten points ahead of normal.

Pasture and Range: Pastures across much of the state were in desperate need of precipitation. Additionally, grasshoppers continue to be an issue for producers. Pasture and range conditions were rated mostly in the good to fair range, with only two percent rated excellent.

Livestock: Livestock conditions rated mostly in the good to fair range with nine percent rated excellent. Prices for feeder steers less than 800 pounds averaged \$116 per cwt. Prices for heifers less than 800 pounds averaged \$109 per cwt.

Conditions by Percent

For Week Ending Sunday, August 22, 2010

Item	Very Poor	Poor	Fair	Good	Excellent
Row Crops -					
Corn	0	9	27	50	14
Sorghum	1	3	30	53	13
Soybeans	1	6	34	50	9
Peanuts	0	1	17	75	7
Cotton	0	1	22	75	2
Hay					
Alfalfa Hay	4	10	43	39	4
Other Hay	2	11	42	41	4
Livestock, Pasture and Range -					
Livestock	1	5	33	52	9
Pasture and Range	4	19	46	29	2

Crop Progress by Percent

Crop and Event	Week Ending			2005-2009 Average	Crop and Event	Week Ending			2005-2009 Average
	August 22, 2010	August 15, 2010	August 23, 2009			August 22, 2010	August 15, 2010	August 23, 2009	
Wheat -					Soybeans-				
Seedbed Prepared	37	35	33	30	Blooming	90	85	89	82
Rye-					Setting Pods	62	54	58	59
Plowed	96	94	97	97	Peanuts-				
Seedbed Prepared	34	32	30	15	Setting Pods	82	70	77	90
Oats-					Cotton-				
Seedbed Prepared	32	31	27	14	Setting Bolls	96	90	81	84
Corn-					Bolls Opening	10	N/A	N/A	N/A
Dent	88	77	51	N/A	Alfalfa -				
Mature	54	33	23	38	3rd Cutting	96	94	92	96
Harvested	11	N/A	N/A	N/A	4th Cutting	56	52	50	58
Sorghum-					Other Hay -				
Headed	85	84	56	67	2nd Cutting	57	56	35	47
Coloring	46	32	22	29	Watermelons -				
Mature	8	N/A	N/A	7	Harvested	89	82	75	86

Weather for Week Ending August 22, 2010: Temperatures ranged from 57 degrees at Kenton on Saturday, August 21st, to 106 degrees at Grandfield on Saturday, August 21st, and at Wilburton on Sunday, August 22nd. Precipitation ranged from 0.15 in the Southeast district to 1.99 inches in the Panhandle district. Soil temperature averages ranged from 74 degrees at Kenton on Monday, August 16th, to 96 degrees at Chickasha and Stigler on Monday, August 16th, and at Hugo on Sunday, August 22nd.

Mesonet Temperature and Precipitation Data

Week Ending Sunday, August 22, 2010

District	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2010 to August 22, 2010		
					Total	Departure From Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	91	65	77	1.99	14.48	0.40	103
West Central	95	70	81	1.04	15.21	-2.61	85
Southwest	97	73	84	0.60	16.46	-1.69	91
North Central	92	69	79	1.90	21.25	1.81	109
Central	95	72	83	0.47	21.21	-0.19	99
South Central	98	75	85	0.54	18.50	-3.39	85
Northeast	92	69	80	1.66	23.90	0.72	103
East Central	96	72	84	0.40	19.92	-4.26	82
Southeast	100	73	86	0.15	18.38	-7.16	72